

Annual oil and natural gas production<sup>(a)(b)(c)</sup>

	Liquids (mmbbl)	Natural gas (bcf)	Hydrocarbons (mmboe)	Liquids (mmbbl)	Natural gas (bcf)	Hydrocarbons (mmboe)	Liquids (mmbbl)	Natural gas (bcf)	Hydrocarbons (mmboe)
	2019			2018			2017		
<b>Consolidated subsidiaries</b>									
<b>Italy</b>	19	137	45	22	155	50	19	161	49
<b>Rest of Europe</b>	8	64	20	41	162	71	37	174	69
Croatia					4	1		6	1
Norway				33	88	49	29	97	47
United Kingdom	8	64	20	8	70	21	8	71	21
<b>North Africa</b>	61	419	138	56	474	144	58	640	175
Algeria	23	41	30	24	38	31	25	43	33
Libya	37	374	106	31	431	111	32	592	140
Tunisia	1	4	2	1	5	2	1	5	2
<b>Egypt</b>	27	551	129	28	445	110	26	315	84
<b>Sub-Saharan Africa<sup>(d)</sup></b>	91	227	133	89	185	123	90	162	119
Angola	37	25	42	41	31	46	43	17	46
Congo	22	54	32	24	55	34	23	41	30
Ghana	9	36	15	5	7	7	3	1	3
Nigeria	23	112	44	19	92	36	21	103	40
<b>Kazakhstan</b>	36	100	55	35	97	52	30	96	48
<b>Rest of Asia</b>	32	184	66	28	202	65	20	126	43
China	1		1	1		1	1		1
Indonesia		113	21	1	137	26	1	69	14
Iraq	10	29	15	10	14	13	15	7	16
Pakistan		37	7		39	7		48	9
Turkmenistan	3	2	3	2	10	4	3	2	3
United Arab Emirates	18	3	19	14	2	14			
<b>Americas</b>	20	24	24	19	43	27	23	71	36
Ecuador	2		2	4		4	4		4
Mexico	1	1	1						
Trinidad & Tobago					13	2		20	4
United States	17	23	21	15	30	21	19	51	28
<b>Australia and Oceania</b>	1	51	10	1	42	8	1	38	8
Australia	1	51	10	1	42	8	1	38	8
	<b>295</b>	<b>1,757</b>	<b>620</b>	<b>319</b>	<b>1,805</b>	<b>650</b>	<b>304</b>	<b>1,783</b>	<b>631</b>
<b>Equity-accounted entities</b>									
Angola	2	35	8	1	32	7	1	32	8
Indonesia							1	4	1
Norway	27	66	40						
Tunisia	1	2	1	1	2	1	1	2	1
Venezuela	1	70	14	3	81	18	4	99	22
	<b>31</b>	<b>173</b>	<b>63</b>	<b>5</b>	<b>115</b>	<b>26</b>	<b>7</b>	<b>137</b>	<b>32</b>
<b>Total</b>	<b>326</b>	<b>1,930</b>	<b>683</b>	<b>324</b>	<b>1,920</b>	<b>676</b>	<b>311</b>	<b>1,920</b>	<b>663</b>

(a) Includes Eni's share of equity-accounted entities.

(b) Includes volumes of hydrocarbons consumed in operations (45.4, 43.5 and 35.2 mmboe in 2019, 2018 and 2017, respectively).

(c) Effective January 1, 2019, Eni has updated the conversion rate of gas produced to 5,408 cubic feet of gas equals 1 barrel of oil (it was 5,458 cubic feet of gas per barrel in previous reporting periods). This update reflected changes in Eni's gas properties that took place in the last three years and was assessed by collecting data on the heating power of gas in Eni's gas fields currently on stream. The effect of this update on production expressed in boe was approximately 3 mmboe for the full year of 2019. Other per-boe indicators were only marginally affected by the update (e.g. realized prices, costs per boe) and also negligible was the impact on depletion charges. Other oil companies may use different conversion rates.

(d) Cumulative daily production for the full year 2019 includes approximately 4 mmboe of volumes (mainly gas) as part of a long-term supply agreement to a state-owned national oil company, whereby the buyer has paid the price without lifting the underlying volume due to the take-or-pay clause. Management has estimated to be highly probable that the buyer will not redeem its contractual right to lift the pre-paid volumes within the contractual terms. The price collected on such volumes was recognized as revenue in the financial statements in accordance to IFRS 15 because the Company has satisfied its performance obligation under the contract. In the Oil & Gas disclosures prepared on the basis of SFAS 69, this volume is classified in the movements of the reserves as of 31.12.2019 as disposal and the related revenue is excluded from the results of exploration and production of hydrocarbons. The calculation of the price indicators per boe and operating cost per boe is unaffected by this transaction.